

**Agenda item:**

**Source:** Ericsson, Nokia, Lucent Technologies, Hutchison 3G, Motorola,  
Nortel Networks, Siemens, Sonera, Telia, Alcatel

**Title:** M3UA - SUA resolution

**Document for:** Decision

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## 1 Introduction

It has been discussed extensively in TSG RAN WG3 whether to have M3UA or SUA as adaptation layer protocol with IP-Transport in Release 5. Further, at the ongoing TSG RAN #14 meeting, it was made clear that the majority would like to have one solution for release 5.

## 2 Proposal

It is proposed to adopt M3UA as the only solution for signalling adaptation in Release 5 IP-Transport option. It is further proposed to discuss under the scope of a new Work Item the introduction of an optimised protocol for the "all IP" network in Release 6. For this work item SUA is the starting point towards a protocol optimised for interfaces which don't have any (or limited) requirements on interworking with SS7.

The new WI is to be introduced either during TSG RAN#14 or #15.